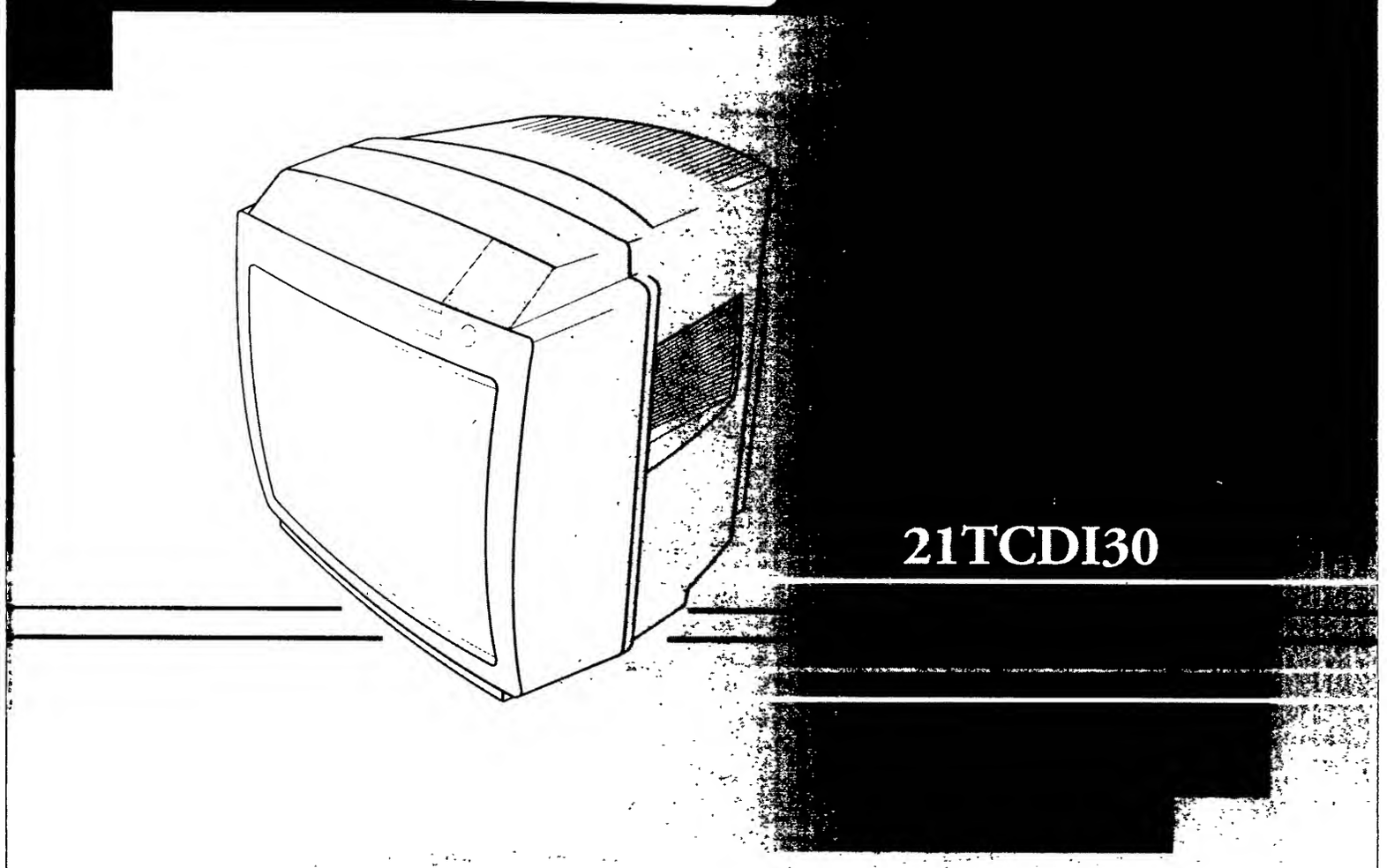
PHILIPS



21TCDI30

PHILIPS

About this handbook

The CDI/TV is easy to operate. Read this handbook for detailed information about all functions.

The handbook is divided into 4 main sections:

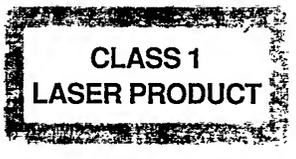
- Preparation
- TV functionality
- CDI functionality
- Connection possibilities

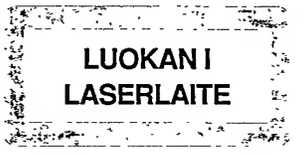
◦ A circle before a sentence means that you have to do something.
▷ An arrow before a sentence indicates the result of what you have done.

Contents

Preparation
Turning on/off the power
Buttons and display on the CDI/TV
TV functionality
Installation - storing TV channels
Operation
Menu on screen
Teletext
CDI functionality
Pointing device
Setting up
Playing discs
Connection possibilities
Tips and troubleshooting
Before requesting service
Technical specification
Accessories

LASER SAFETY:
This unit employs a laser. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.





NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

Preparation

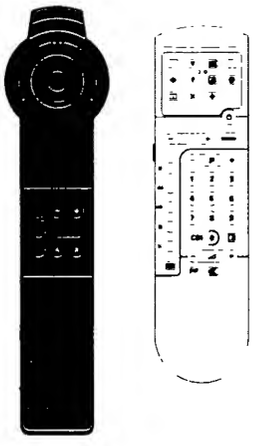
Setting up the CDI/TV

- Place the CDI/TV on a solid surface.
  For ventilation, leave a space of at least 5 cm free all around the set.
  To prevent any faults and unsafe situations, do not place any objects on top of the set.

In order to maintain proper and safe operation of the CDI/TV, do not use if ambient temperature is more than 35° C.

To guarantee good sound qua ity, make sure that there is enough space left around the CDI/TV.

The set is delivered with two remote controls: a TV remote control to operate all TV functions and a CDI remote control to operate all CDI functions.



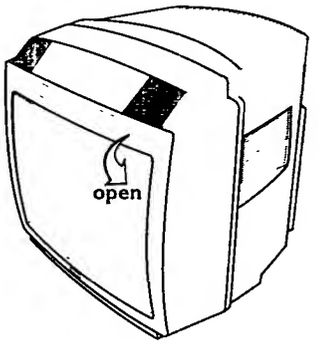
Checking the mains voltage

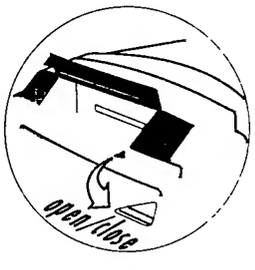
This CDI/TV requires a mains voltage of 220/240V~ 50/60 Hz.
Consult your dealer if your mains voltage is different.

Opening the door

- Press the button "OPEN" to open the door.
- Remove the protective foam behind the door.
- ▹ Behind the door you will find the local buttons to control the CDI/TV and the tray for the CDI.

You can operate the CDI/TV completely with the remote controls. To open/close the tray you can use the CDI remote or the open/close ⏏ on the local keyboard.





Connections

Connecting the aerial

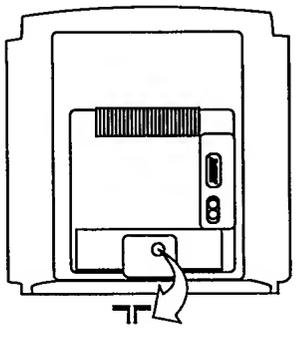
- Insert the aerial plug tightly into the aerial socket ⊓ at the back of the CDI/TV.
  For best performance use the antenna cable included.

Connecting the CDI/TV to the mains

- Insert the mains plug tightly into the wall socket.

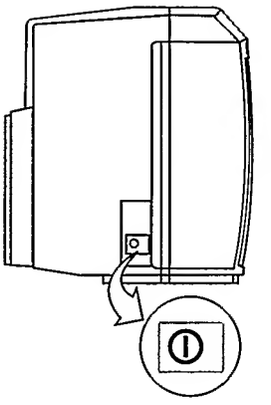
Connecting external equipment

See the section "Connection possibilities" if you want to connect external equipment (e.g. mouse, videorecorder, descrambler, etc.) or if you want to connect the CDI/TV to your audio equipment.



Turning on/off the power

◦ Press the mains power switch ⏻ on the left side of the CDI/TV.



Attention!
There is a difference between switching into standby and turning the power off. Switching into standby switches off the CDI/TV, however the system can be switched on via the TV remote control or local keyboard. Turning off the power should be done if you are going away for a long period of time (e.g. holiday).

If the screen does not light up, the CDI/TV is still on standby A red LED lights up

Press a digit button on the TV remote control to switch the TV on. The red LED switches to green colour

Switching ON by the mains power button:

A- The CDI/TV switches to standby position if the set was switched off by mains power button from standby position.

B- The CDI/TV switches ON to program number 1 if the set was on program number 1 to 59 before being switched off by mains power button.

C- The CDI/TV switches ON to external mode if the set was in external mode before being switched off by mains power button.

D- The CDI/TV switches ON to CDI mode if the set was in CDI mode before being switched off by mains power button.

Switching ON by P — or P + on the TV remote control or local keyboard:

The CDI/TV switches to program number 1.

Switching ON by a digit button on the TV remote control:

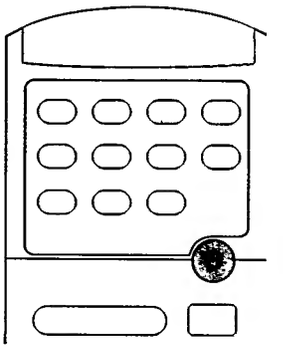
The CDI/TV switches to the program number selected by a single or two digit entry.

Switching OFF the mains power

◦ Press the mains power switch ⏻ to switch off the power.

Switching into standby

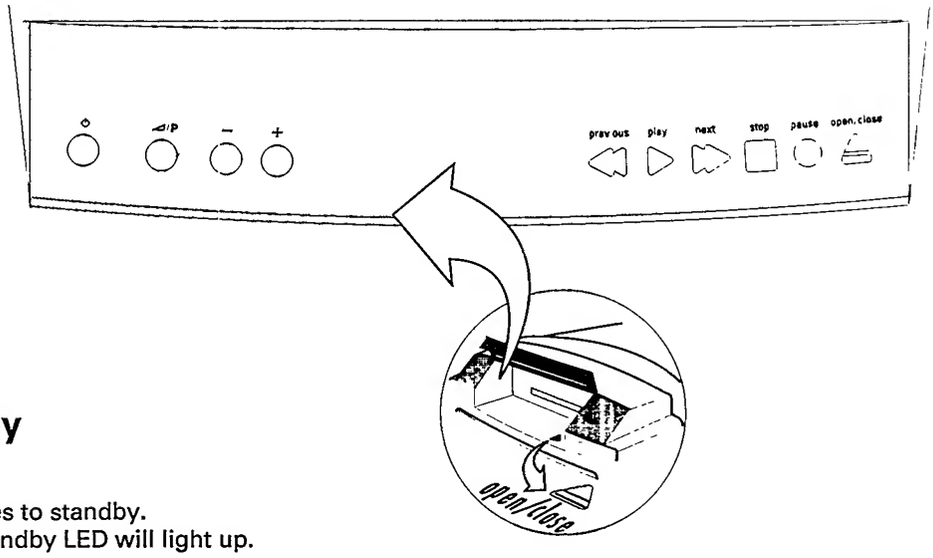
◦ Press the ⏻ on the local keyboard or ⏻ on the TV remote control.



Buttons and display on the CDI/TV

Apart from the remote controls, the most important functions of the CDI/TV can also be operated using the local keyboard.
For a full description of the functions, read the relevant sections as described for the remote control.

The local keyboard is located behind a door.
- ◦ Press **open** to the right of the door.
- ▷ The door opens.



Standby

- ◦ Press ⏻.
- ▷ The TV goes to standby.
  The red standby LED will light up.

Press a digit button on the TV remote control to switch the TV on.
The red LED switches to green colour.

⊿/P − +

The button ⊿ **volume/ P program** is initially set to select program numbers.
Pressing this button you can switch between program number selection or volume adjustment.

Adjusting the volume

- ◦ Press ⊿ **volume/ P program** to switch over to volume mode.
- ◦ Press + or — to change the volume.

A few seconds after changing the volume, the ⊿ **volume/ P program** *button will return to program number mode.*

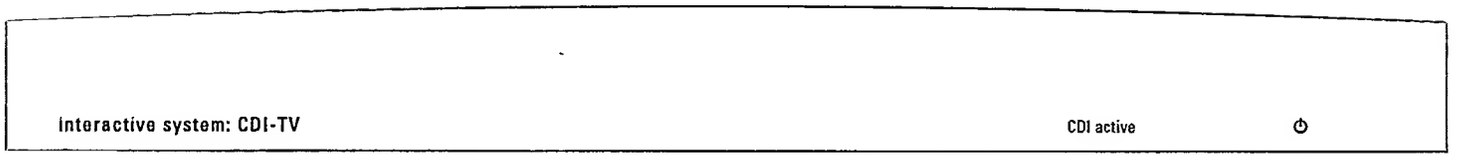
Selecting program numbers

Volume level in TV mode and CDI mode can differ.

- ◦ Press + or — to select the required program number.
- ▷ The selected program appears.
  If the TV was on standby, pressing + or — will switch on the TV to program 1.

Other than play and open/close the buttons are mainly used while playing a **CD-Digital Audio disc:**

Previous :	Press to go to the previous track.
Play:	Press to startup the disc located in the tray.
Next:	Press to go to the next track.
Stop:	Press to stop the disc.
Pause:	Press to pause the disc playing; press again to resume playing the disc.
Open/close:	While the tray is closed, pressing this button will stop any function and will open the tray. While the tray is open, pressing this button will close the tray.



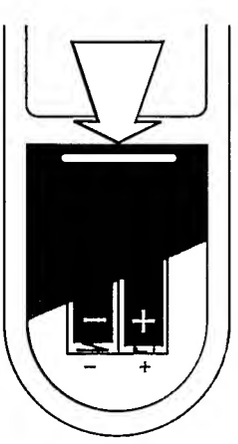
⏻

If the set is in standby the ⏻ LED is red, else it is green.
In ON mode the LED is switched to orange after reception of any remote command.

CDI active
If the CDI/TV is in the CDI mode the green LED is illuminated.

TV functionality

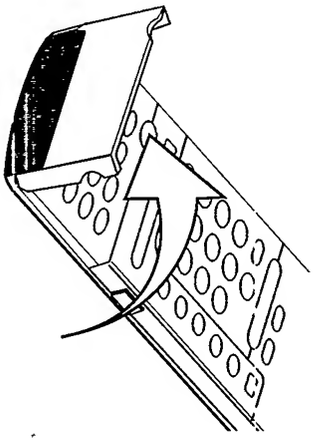
Preparing the TV remote control

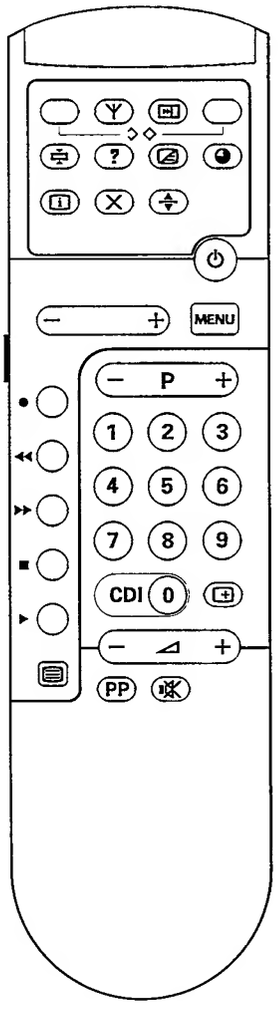


- Remove the battery cover on the back of the TV remote control.
- Insert the batteries, as indicated on the TV remote control.
- Replace the battery cover.

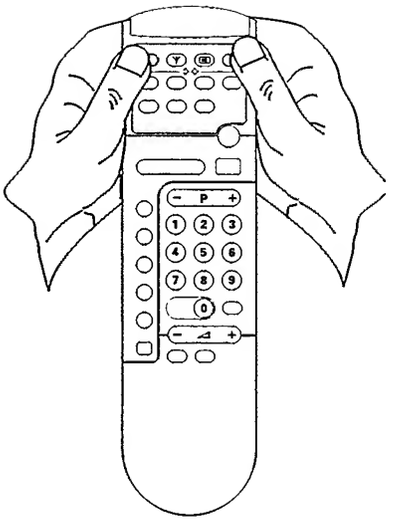
The batteries supplied with the TV remote control of your TV do not contain the heavy metals mercury and cadmium. In many countries flat batteries may not be disposed off with your household waste.

Please ensure that batteries are disposed off in accordance with local regulations.





Installation - storing TV channels



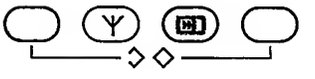
59 TV channels (1 to 59) can be stored on program numbers. Write down the TV channels and the assigned program numbers while storing.

Follow carefully steps **a, b, c, d.**

a.

- Press simultaneously the two ◇◇ buttons.
- The current program number is displayed on the screen.

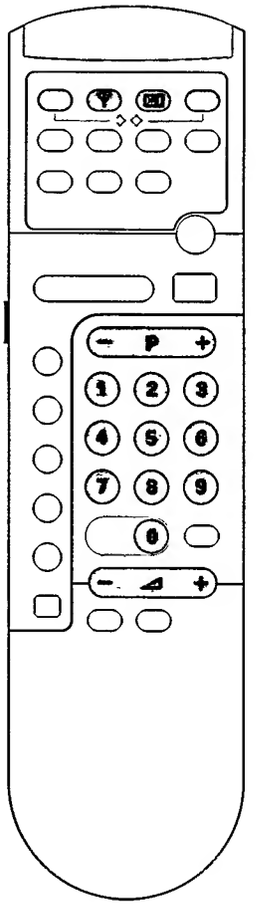
b.



- Press ⏭ to start the search.
- The TV automatically searches until a TV channel is found.
- If you want to continue searching for a specific TV channel then press ⏭ again.

c.

The sound-volume of some TV channels can be somewhat higher or lower than normal. If necessary, you can adjust the sound-volume for this specific TV channel to normal sound-volume, by pressing ◿ — or +



- Press **P** — or + or one or two digit buttons to select the program number (1 to 59) where you want to store the TV channel.
- The selected program number is displayed on the screen.

d.

- Press simultaneously the two ◇◇ buttons to store this selection.

Storing TV channels can be stopped by pressing simultaneously the two ◇◇ buttons.

Repeat steps **a, b, c, d,** until all the TV channels you require have been stored on program numbers.

Auto Programming

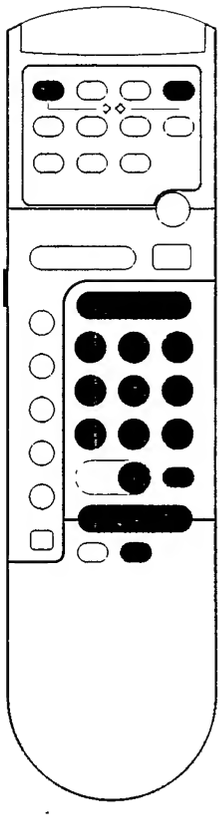
The Auto Programming function can be used to find and store all available channels quickly. Channels are stored on program numbers in the same sequence as they are found.
After Auto Programming is started, the TV starts searching for a channel.
If a channel is found, it will be automatically stored on program number 1. Searching will start again automatically. If another channel is found, it will be stored on program 2, etc.

At the end of the Auto Programming cycle the TV switches to program 1.

The Auto programming is stopped by pressing simultaneously the two ◇◇ buttons

- Press simultaneously the two ◇◇ buttons longer than 4 seconds to start the Auto Programming.

Operation



On Screen Display

The On Screen Display information allows you to see the program number on which a TV channel is stored, the timer status and a moving bar if the volume is adjusted with the TV remote control.

- Press ⊡ to display information on the screen.
- Press ⊡ again to switch off information.

Selecting TV channels

- Press **P** — or + or press one or two digit buttons on the remote control.
  To select a program number from 0 to 9 press one digit button. To select a program number from 10 to 59 you must press two digit buttons in less than 4 seconds.

or

- Press — or + on the TV.

Volume control

- Press ◿ — or + on the remote control.

Interrupting the sound

- Press 🔇 to switch off the sound.
- Press 🔇 again or ◿ + to switch on the sound.

Menu on screen

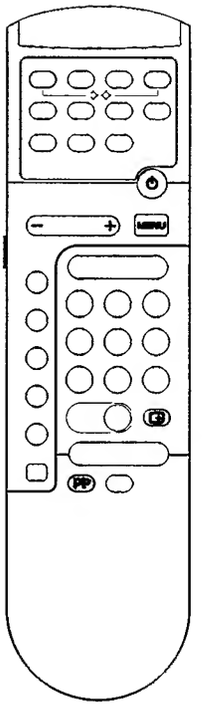
With the menu on the screen you can change and store the picture and sound settings. Also you can set the timer.
When you switch on your TV, the picture and sound settings have certain values. These values are initially stored by the factory. Using the menu on screen you can change these values. Also if you store these values (by pressing simultaneously the two ◇◇ buttons after a change), the TV will switch on with your stored picture and sound values.

The stored picture and sound values can also be recalled by pressing **PP**.

- Press MENU.
- ▹ **VOLUME** appears, adjust the volume by pressing — or +.
  If you want to store this setting press simultaneously the two ◇◇ buttons.

- Press MENU again.
- ▹ **BRIGHTNESS** appears, adjust the brightness by pressing — or +.
  If you want to store this setting press simultaneously the two ◇◇ buttons.

If you want to leave the menu, for example after changing the contrast setting, you can either wait approximately 15 seconds or continue to press the MENU button until the menu disappears from the screen.



◦ Press MENU again.
▷ **CONTRAST** appears, adjust the contrast by pressing — or +.
If you want to store this setting press simultaneously the two ◇◇ buttons.

◦ Press MENU again.
▷ **SHARPNESS** appears, adjust sharpness by pressing — or +.
▷ Press + to obtain a very sharp image (HIGH) or press — to obtain a normal sharp image (LOW).
Under poor reception circumstances always select LOW.
If you want to store this setting press simultaneously the two ◇◇ buttons.

◦ Press MENU again.
▷ **COLOUR** appears, adjust the colour by pressing — or +.
If you want to store this setting press simultaneously the two ◇◇ buttons.

◦ Press MENU again.
▷ **TIMER** appears.
The timer can be used to switch off the CDI/TV automatically after the time you want. You can set the time after which the CDI/TV switches off in steps of 10 minutes to a maximum of 24.00 hours.

Switching off automatically:

After countdown to one it takes some seconds before the CDI/TV switches off.

◦ Press — or + to select the time after which the TV should switch off.
The count down starts immediately. You can see the remaining time by pressing ⊡ on the remote control.
During the final minute of the selected time period, the seconds remaining are automatically shown on the screen.
At the end of this time period the TV switches to stand-by mode.

If you want to stop the TIMER press — or + until the selected period on the screen is 00.00.

◦ Press MENU.
▷ The menu disappears.

Teletext

In CDI mode all TXT functions are disabled.

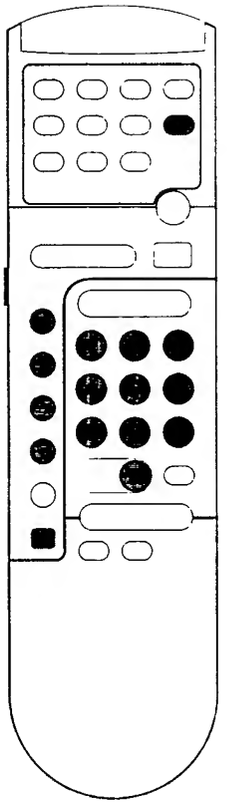
A number of TV channels broadcast information via teletext. Teletext is an information system which can be consulted the same way as a newspaper or magazine.

Teletext Time

If teletext or the teletext time is activated the program up/down keys are disabled.

The time can only be called up if the TV channel you are watching is also broadcasting teletext.

- ◦ Press ◕.
- ▷ The time appears.
- ◦ Press ◕ again to switch off the time.



Switching Teletext On and Off

- ◦ Select the TV channel for the desired teletext broadcast.
- ◦ Press ▤ to switch on the teletext.
- ▷ The contents appear on the screen together with an information line at the top.

In the information line appears:

- the number of the page requested.
- the page counter.
- date and time.

or

- only P **100** if there is no teletext broadcast.

- ◦ Press ▤ again to switch off the teletext.
- ▷ The TV channel reappears.

Selecting a Teletext Page

Direct page selection

- ◦ Enter the desired page number with the digit buttons. The number of pages always consists of 3 digits.
- ▷ The page counter seeks the page.
- ▷ If the counter keeps searching, then the page is not available or does not exist.

Does P ?... *appear or have you entered an incorrect number? First complete the number with random figures and then enter the correct page number again.*

Selection with the options line

Signs red — and blue + of the option line enable the direct selection of the following or the previous page.

- ◦ Press the red button or the blue button on the remote control to select either the previous or the following page.

or

Certain teletext systems allow a quicker access to the headings; in this case the section names are displayed in the option line.

- ◦ Select the desired subject with the corresponding colour button on the remote control.

Special teletext functions

Hold a rotating page
Sometimes the information is contained on several pages following each other. In this case they are automatically displayed in rotation. The total number of subpages and the subpage displayed are indicated on the screen. For example: 1/4, meaning page 1 out of 4 is being displayed.
- ◦ Press ⇳ to hold a page.
- ▷ ≡⇳ appears in the information line.
  The information in this subpage is not being updated anymore.
- ◦ Press ⇳ again.
- ▷ The page rotation starts again.

Reveal concealed information
Some pages contain concealed information, such as solutions to riddles and puzzles.
- ◦ Press ? to call up concealed information.
- ◦ Press ? again to switch off the concealed information.

Overlay of the teletext on the TV image
- ◦ Press ⧄.
- ▷ The teletext page is superimposed over the TV program on the screen.
- ◦ Press ⧄ again.
- ▷ Only the teletext page is displayed.

Selecting a specific subpage
Sometimes the information is contained on several pages following each other. By adding a subcode you can call up a subpage and hold it.
- ◦ Enter the page number.
- ◦ Press ◕.
- ◦ Enter the subpage with 4 digits: e.g. 0003 for subpage 3.
  In the meantime, you may return to the picture broadcasted from the TV channel.
- ◦ Press ✕.
- ▷ The TV channel appears.
  ▤ indicates that you are still in the teletext mode. When the page has been found, the information line appears on your screen.
- ◦ Press ✕ again.
- ▷ Teletext reappears.

- ◦ Press ◕ to return to the normal teletext function.

Return to the contents
- ◦ Press ⓘ or the white button.
- ▷ The table of contents will appear.

Temporary interrupt of the teletext display
The search for a page may sometimes be quite long. In the meantime, you may return to the picture broadcasted from the TV channel. Before interrupting teletext, you can select a page number.
- ◦ Press ✕.
- ▷ The TV channel appears.
  ▤ indicates that you are still in the teletext mode. When the page has been found, the information line appears briefly on your screen.
- ◦ Press ✕ again.
- ▷ Teletext reappears.

Enlarge a page
- ◦ Press ⇕ to enlarge the top half of the teletext page.
- ◦ Press ⇕ again to enlarge the bottom half of the teletext page.
- ◦ Press ⇕ once more to return to normal page size.

Teletext can always be switched off by pressing ▤.

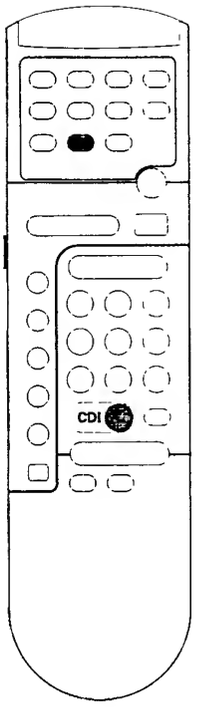
CDI functionality

Introduction

We are pleased to introduce you to one of the most innovative products available today. Your combi contains besides a TV with teletext also a CDI (compact disc-interactive) player which is principally intended for playing CDI discs as well as Video CD discs. You'll be surprised how easy it is! Once switched into CDI mode, you simply 'point-and-click' your CDI remote control to explore the intriguing new world of interactive CDI.

Your CDI/TV combi player also plays audio compact discs and audio tracks from both 5 inch laser discs and CD-ROM discs.
In addition it can play the following disc types:

- Photo CD
- CDI READY
- CD BRIDGE
- CD Graphics (CD+G)



We are confident that you will find this product surprisingly easy to use, and quite unique in its fascination.

Switching into CDI mode

With the CDI button on the TV remote control the CDI/TV can be switched to TV mode, CDI mode and external mode. Pressing this CDI button while in TV mode will switch the system to CDI mode. Repeated pressing of the CDI button, while in CDI mode, will switch back and forth between CDI mode and external mode.

While in RGB mode the video signal displayed is shifted to left side

Switching from RGB to CVBS is only possible while in CDI mode.

Switching CDI between RGB and composite video

For optimal video performance the video signal from the CDI can be switched between RGB signals and composite video signals (CVBS). Switching between composite video and RGB signals is performed by pressing the X button on the TV remote control.

Pointing device

Precaution

Picture settings can only be controlled with the TV remote control See also page 9.

To operate your CDI player a pointing device is needed.
For pointing devices other than the included one, please consult your supplier.

Caution
Never make or change connections with the power switched on.

Pointing devices are sensitive precision instruments. Handle them with care, keeping in mind the following precautions:

- Avoid dropping or knocking
- Do not use them in locations subject to extreme temperatures, humidity, dust or vibration.

Infra red CDI remote control

To save battery power, the CDI remote control automatically switches off after approximately one minute if a button is pressed continuously. It is automatically reactivated the next time you press any button.

Loading the batteries in the CDI remote control

- Push and slide the battery compartment cover.
- Insert three 'AA' (R6 or SUM3) batteries as indicated inside the battery compartment.
- Replace the cover.

Caution
Do not mix old and new batteries. Also never mix different types of batteries (standard, alkaline and so on).

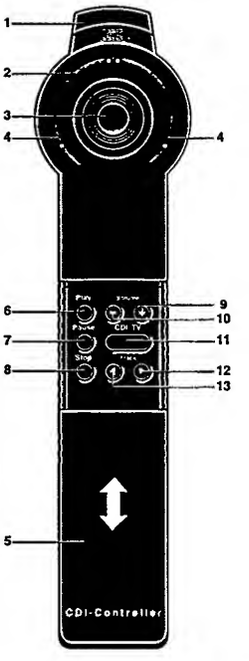
CDI remote control interactive operation

For normal interactive operation, use the CDI remote control to select functions displayed on the TV screen.

- ◦ Point the CDI remote control at your TV screen.
- ◦ Move the cursor in the direction you want by pressing in that direction on the "Thumbpad".
- ▷ The harder you press the faster the cursor arrow moves.
- ◦ Click on one of the action buttons.
- ▷ The function selected by this 'point-and-click' technique is highlighted to confirm the selection.

To 'point-and-click' on any screen shown in this manual, any one of the action buttons can be used The shape of the cursor is different according to the program you are playing, but it is always controlled in the same way

1 Infra red remote control.
2 Action button.
3 Thumbpad.
4 Action buttons (for left or right handed operation).
5 Sliding Cover.
6 Play button.
7 Pause button (CD-Audio).
8 Stop button (CD-Audio).
9 Volume control up button.
10 Volume control down button.
11 CD-I/TV button.
12 Next track (CD-Audio).
13 Previous track (CD-Audio).

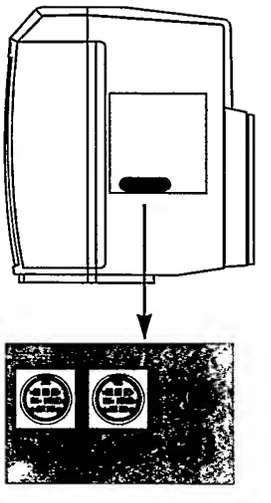


Wired pointing device

(such as mouse, trackerball or roller controller)

- ◦ Plug the pointing device connector into input 1 for pointing devices on the right side of the CDI/TV.
- ◦ Insert the connector with the arrow at the top.
- ◦ Place the pointing device in front of the display screen, with the back (cable end) pointed towards the screen.
- ▷ Now, as you roll the mouse, the trackball or the roller controller, the cursor moves in the corresponding direction on the screen.
- ◦ When the cursor is positioned on the required function click on one of the action buttons.
- ▷ The function selected by this 'point and click' technique is highlighted to confirm the selection.

CAUTION
NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.



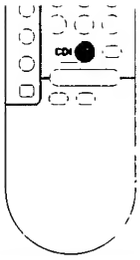
Note

- A pointing device connected directly to input 1 can be simultaneously used with the supplied remote control.

- By use of a splitter (optional) input 1 can be separated into input 1a and input 1b for use of 2 pointing devices for 2 player application. If a wired pointing device is hooked up to input 1b the CDI remote can only be used if a 2 player application is active.

- Input 2 is for use of the TELE CDI adaptor or other optional RS based devices.

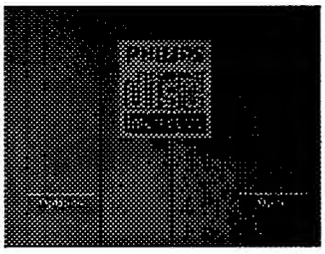
Setting up



For switching ON/OFF the set see page 3.

- Select the CDI mode via the CDI button on the TV remote control.
- ▹ On the TV, the player start-up screen will appear.

CDI/TV start-up screens



Open/Close:
To open or close the disc tray.

Your CDI/TV has many different screens. These screens appear on the TV while in CDI mode.
Brightness of the screens is reduced automatically if the CDI functions are not used for a few minutes. Any cursor movement will immediately restore brightness.

Caution:
Extensive use of some software programs may cause picture tube damage. The pattern of the non- moving portions of the screen could leave an image permanently on the picture tube. When not in use, switch to TV mode or turn the CDI/TV off.

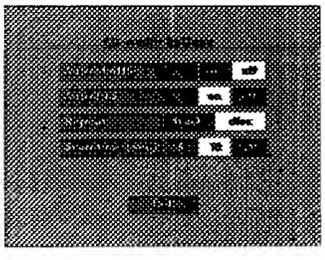
Option screen

1. CD Audio
To preselect your preferred settings when playing audio CDs:

Auto shuffle
After switching the player on, the tracks on the CD will automatically be played in a random order.

Auto FTS
After switching the player on, the FTS program of the CD will be played automatically.

Repeat
Select to repeat a complete audio disc or a single track when the repeat function is activated.



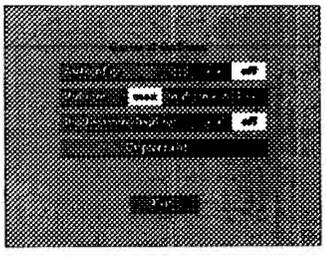
Scan time
Select the time you want the beginning of each audio track to play for (5, 10 or 20 seconds) when the scan function is activated.

- When finished, point-and-click on 'Exit'.

2. General
To change the player general settings:

Auto play
After switching the player on, playback will start automatically when a disc is loaded.

Volume
Selecting the player default volume setting.



16 : 9 screen display
This setting is not functional in the CDI/TV combi.

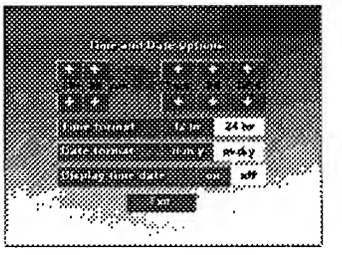
- When finished, point-and-click on 'Exit'.

3. Time and Date
To change the player time/date settings.

Time/Date set
If the time or date shown on the screen is wrong, select the appropriate ▲ and ▼ arrows to set hours, minutes, day, month and year in turn, as required.

Time format
Select 24 hour or 12 hour clock.

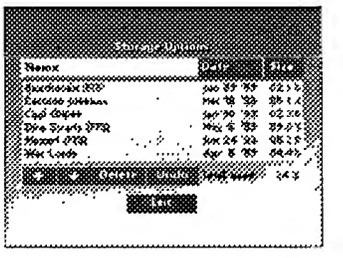
Date format
Select d/m/y to present the date in day-month-year sequence.
Select m/d/y to present the date in month-day-year sequence.



Display time/date
Select whether time and date will displayed on the TV screen or not.

- When finished, point-and-click on 'Exit'.

4. Storage
To refer to the intermediate results of CDI titles and of programs created for your audio and Photo CDs.
The 'Storage' screen shows the information held in memory: titles, dates and percentage of memory used.
Clicking on 'Name', 'Date', or 'Size' sorts the information accordingly.



- Use the scroll arrows to move up and down the list.
- To delete an item, click on its title and then click on 'Delete'. If you change your mind after deleting, click on 'Undo'.

- When finished, point-and-click on 'Exit'.

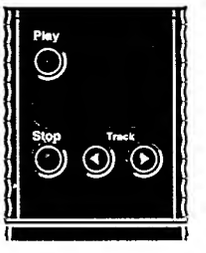
Playing discs

The CDI/TV does not switch automatically into CDI mode if the play button on the local keyboard is pressed

General

Push button control:

- For basic play control you can use the buttons on the local keyboard or on the CDI remote control.
- ▷ The play and stop buttons operate in the same way as the corresponding on-screen functions.
- ▷ The ▶ (next) and ◀ (previous) buttons skip one track forward or backward respectively.

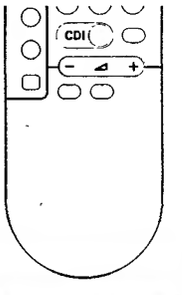


The functioning of these buttons will depend completely on the application when playing a CDI program

The CDI/TV button on the CDI remote is not functional Use the CDI button on the TV remote control instead

Changing over to TV:

- Select the desired channel or input of the TV using the controls of the CDI/TV set or TV remote control.
- To return to CDI play, press the CDI button on the TV remote control.

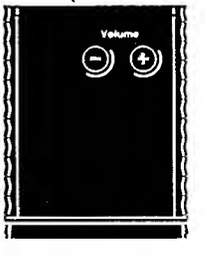


Sound level:

- When playing any disc adjust the sound level as required, preferably with the TV remote control.

The volume - and + buttons on the CDI remote control only change the audible level while CDI is selected. They have no influence on the volume setting for TV or external use.

- The volume + and — buttons on the CDI remote control may also be used, but for each disc the sound level always starts at the level set in the settings menu.
A suitable level must therefore first be set on the TV or HiFi amplifier.



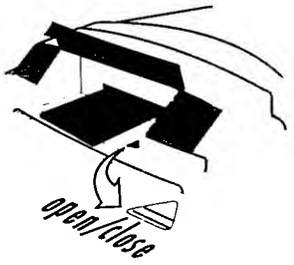
Loading and unloading

The door in front of the tray automatically opens if the disc loading tray opens. The door can manually be opened by pushing the open button. The door has to be closed manually.

Loading:

- Point and click on 'Open' (you may also press the OPEN /CLOSE button on the local keyboard) to open the disc tray.
- Take the disc from its holder and place it on the tray with the label up.
- Point and click on 'Close' (you may also press the OPEN/CLOSE button on the local keyboard, or gently push the front of the tray) to close the tray.

▹ The TV screen changes according to the type of disc.



Caution
Never put more than one disc at a time into the disc tray.

Unloading:

–You may unload the disc at any time by pressing the OPEN/CLOSE button.
– Unloading a CDI disc while the CDI program is running, will terminate the CDI program abruptly. 'Bookmarks' or intermediate results, if used by the CDI program, might not be updated to the latest situation.

- Point and click on 'Open' (you may also press the OPEN /CLOSE button) to open the disc loading tray.
- The player start-up screen reappears on the TV.
- Take the disc from the tray and replace it in its holder.
- Point and click on 'Close' (you may also press the OPEN/CLOSE button on the player, or gently press the front of the tray) to close the tray with or without a new disc.
- Close the door manually.

Playing a CDI disc

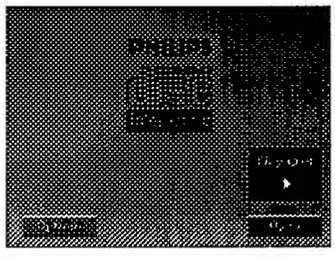
This procedure is equal for CD BRIDGE discs, CDI READY discs and PHOTO CDs. And for Digital Video discs and Video CD's when a Digital Video Cartridge has been installed.

CAUTION
Never leave a still picture on the screen for any length of time. This can cause burning-in of the picture tube. In such a case remove the disc or switch over to TV mode.

Playing a CD-I disc depends on the value of Autoplay (see settings). The factory setting is default "OFF".

1. When autoplay is "OFF":
After loading the disc, the CD-I start-up screen appears on the TV.

- To start the CD-I program, select the 'Play' icon on the screen and click on it.



2. When autoplay is "ON":
After loading the disc, the CD-I program will start up automatically.
The opening screen of the CD-I program now appears on the TV.
From this point, all interaction is between you and the program.
To stop at any time, select the STOP or EXIT function provided by the CD-I program.

3. Trade mode:
The CDI/TV can be put in a so called "Trade mode" that prevents opening the tray and taking out the disc. While in trade mode the OPEN/CLOSE icon on the opening screen is hidden and the OPEN/CLOSE button on the local keyboard is disabled.
Trade mode is switched on by pressing the stop button on the local keyboard while switching on the set. Mode status will be memorised.
Trade mode can be switched off by pressing the stop button on the local keyboard while switching on the set.

The autoplay function can be combined with the trade mode.
This makes it possible to automatically start up a CDI disc at mains power on.

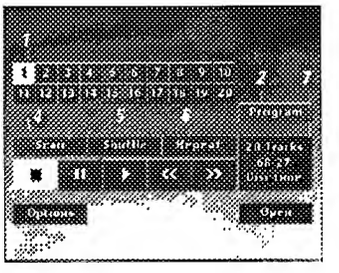
Playing an audio CD

This procedure can also be used for audio sections on 5 inch (12 cm) laser discs

A. Using the audio screen

After loading the disc, the CD-Audio screen appears on the TV.

1. Play track bar:
Shows the total number of tracks (up to 30). You can 'point-and-click' to select any track. For discs with more than 30 tracks, the right > and left < scroll arrows are used to move through the track list.



2. Program:
Allows you to program a list of special tracks called a Favorite Track Selection. When you select PROGRAM, the FTS track bar and the FTS icon will appear.

3. FTS:
Allows you to play Favorite Track Selections. This icon only appears if a Favorite Track Selection has been created for the disc that is loaded in the player.

If auto shuffle or auto FTS has been selected on the 'CD Audio' screen, (see page 14) this function will be activated automatically

4. Scan:
Allows you to listen to the beginning of every track listed in the play track bar. You can set the scan time to 5, 10 or 20 seconds in the 'Options' screen.

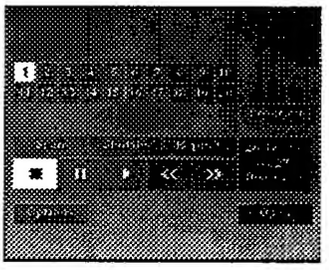
5. Shuffle:
Allows you to play the tracks in the play track bar in a random order.

6. Repeat:
Allows you to repeat either a track or the entire disc. You can change the repeat mode in the 'Options' screen.

7. Track/time window:
After loading, and in STOP mode, this shows the total number of tracks and the total playing time. When you click at this window, the track time of the selected track is displayed.

In PLAY and PAUSE modes, the window shows the track number and either the elapsed or the remaining track playing time. To change between elapsed and remaining time, 'point-and-click' at the time shown in the window.

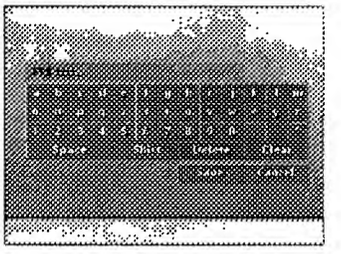
8. All the disc play control functions are shown on the screen, and can be selected as desired by 'point-and-click' with your remote control. The operation of the functions is briefly explained in the following table.



Operation	select
Start play	**▶ play** play starts at the beginning of track 1, or any other preselected track number. If a track is already playing, it is re-started.
Select a track	**track** number if the disc contains more than 30 tracks, use the left < and right > scroll arrows to move through the track numbers as required.
Pause	**II** pause use to interrupt play.
Exit pause	**pause** or **play** play restarts at exactly the same point as pause was selected.
Forward search	**forward** searches forward through disc.
Reverse search	**reverse** searches backwards through disc.
Stop play	**stop** stops playing. If play is re-started, it begins at the first track.
Scan the disc	**scan** plays the beginning of each track on the disc.
Exit scan	**scan** normal play starts from this point.
Shuffle play	**shuffle** shuffle sequence appears in track bar.
Exit shuffle	**shuffle** normal play starts from this point.
Repeat	**repeat** repeats the entire disc (or FTS program), or the track being played, as selected on the "Options" screen.
Play FTS	**FTS** only available when an FTS program has already been created for the disc in the player.
Exit FTS	**FTS** normal play starts from this point.
Program FTS	**program** ◦ point to tracks as required on the play track bar, and in each case click on any action button to record the track in the FTS track bar. ◦ To cancel an unwanted track, point to it in the FTS track bar and click on any action button. ◦ To cancel the entire FTS program, point to the first track in the FTS track bar and click on any action button repeatedly until all the tracks disappear.
Store FTS	**Save FTS** the keyboard screen replaces the CD-Audio screen. See 'creating FTS titles' p.19.

B. Creating FTS titles

- ◦ After creating a Favorite Track Selection for a disc, you can compose a title of up to 30 characters (depending on the character width) for the selection using the keyboard screen.
- ▷ The title then appears on the CD-Audio screen whenever the disc is loaded.
- ◦ At the CD-Audio screen, 'point-and-click' on the program button, then 'point-and-click' on the "Save FTS" button.
- ▷ The CD-Audio screen will change to the keyboard screen.
- ◦ Select each character of the title in turn, using shift to change between upper and lower case characters and space to separate words.

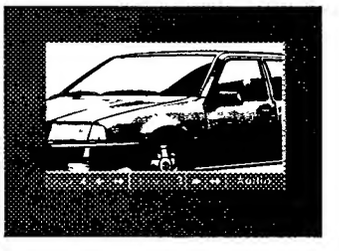


– Delete erases the last selected character
– Clear erases the complete (or partially complete) title.
– Cancel returns to the CD-Audio screen without saving the title.
– Ok saves the title and returns to the CD-Audio screen.

3. CD graphics

When an audio CD with graphics is played, the CD Graphics screen will appear automatically.

- ◦ To let the picture channel bar appear/disappear click on the action button anywhere outside the channel bar.
- ◦ You can select another track number by clicking on 'Track' or either arrow next to it.
- ▷ Depending on the disc, other channel numbers might give you other information, such as the lyrics in a different language.
- ◦ Refer to the instructions that come with the disc for their functions.
- ◦ To play audio only, click on the 'audio' icon.



CAUTION
Never leave a still picture on the screen for any length of time. This can cause burning-in of the picture tube. In such a case switch over to TV mode or remove the disc.

Playing a photo CD

After loading the disc, the CDI start-up screen appears on the TV.

- ◦ To start the Photo CD program, select the 'PLAY CDI' icon on the screen; you may also press the PLAY button on the player or CDI remote control.
- ▷ The opening screen of the Photo CD program now appears on the screen.
- ▷ At the bottom of this screen a menu bar with icons is shown.

- ◦ Select the ☑ icon.
- ▷ The 'Options' screen will now appear.
- ◦ To select a language click on the box, the flag or the name of a country.
- ▷ The previous setting will be replaced automatically.

- ◦ Select the ↩ icon (Return) of this screen to go back to the Photo CD opening screen.
- ◦ Select the ℹ icon (Information) and the INFORMATION screen, explaining the control buttons of the menu bar in the selected language, appears.
- ▷ From this point, all interaction is between you and the program.

CAUTION
Never leave a still picture on the screen for any length of time. This can cause burning-in of the picture tube. In such a case switch over to TV mode or remove the disc.

Connection possibilities

Connectors on the back

AV Euro socket

The AV Euro socket is also called Scart or 21-pin connector.

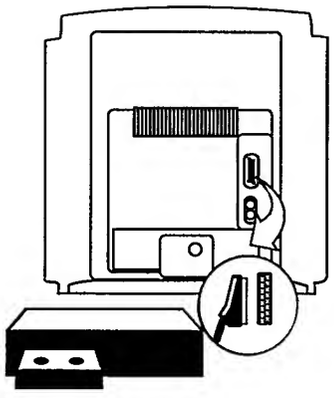
Ask your dealer for advice for the correct AV Euro cable.

The audio/video signal on the AV Eurosocket is the same as being displayed on the TV screen.

The AV Euro socket can be used to connect a videorecorder, a descrambler or any other video source.

If a videorecorder has been connected, it is possible to record programmes at the same time as you watch them on the screen.

If a descrambler has been connected, it is possible to watch programmes which are normally decoded (e.g. Canal+).



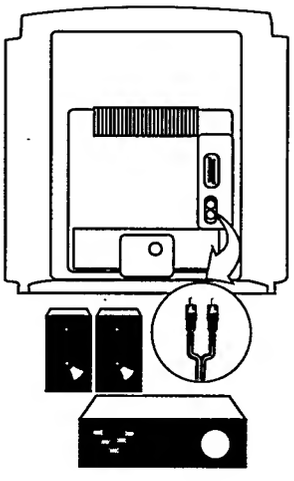
Audio output

While in TV mode the audio output has constant level. While in CDI mode the volume level varies according to the volume level selected with the CDI remote control.

Using this output you can connect the CDI/TV to your audio amplifier.

- Use cinch cables to make a connection between the cinch connectors at the back of the CDI/TV and the audio amplifier.

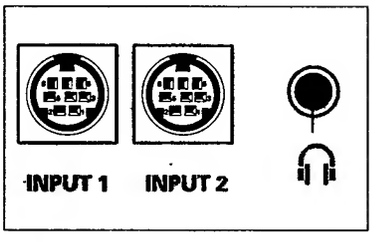
▹ You also hear the sound via your amplifier. Audio output is provided with two mono channels in case of TV mode and stereo in case of CDI mode.

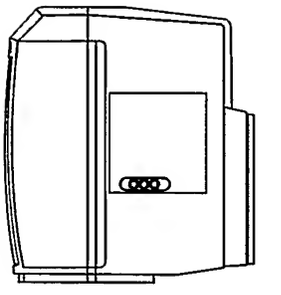


Connectors on the right

Input 1.

Use this socket to connect a wired pointing device directly or 2 pointing devices via the optional splitter.





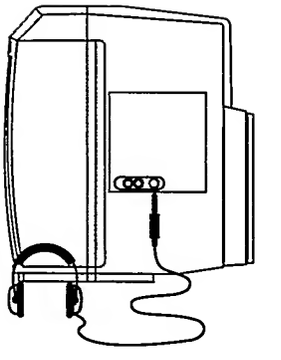
Input 2.

Use this socket to connect a Tele CDI adapter or other optional RS based devices.

Headphone socket

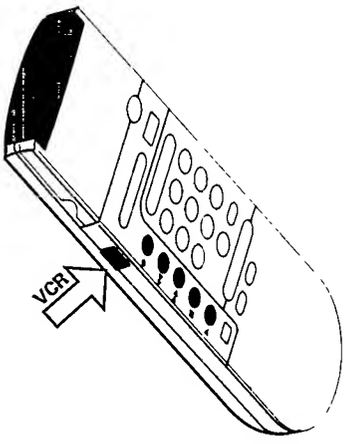
Use this socket to connect a headphone for private listening.

- ◦ Connect the jack plug of the headphone (3.5 mm) to the headphone socket.
- ▷ The internal sound of the CDI/TV is automatically switched off.



Peripheral connections

Using the TV remote control for the videorecorder



You can use your TV remote control to operate most of the videorecorders of our range.

*VCR buttons can **not** be used for CDI functions*

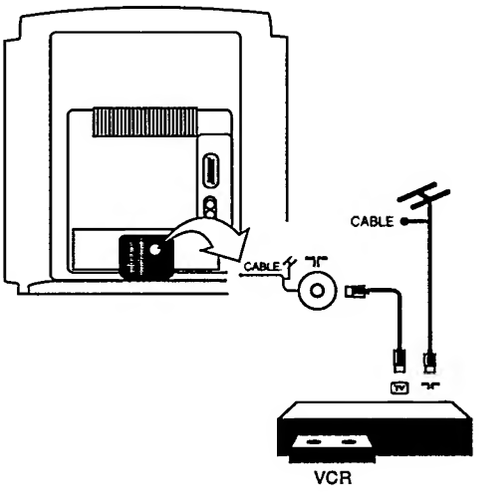
- Press and hold the VCR button, then press the buttons you need to operate your videorecorder. Refer to the videorecorder instruction for use to see the related buttons and functions.

Aerial connection

For optimal performance use supplied antenna cable to hook up the set.

You can connect your videorecorder or other equipment via the aerial connection on the back of the CDI/TV.

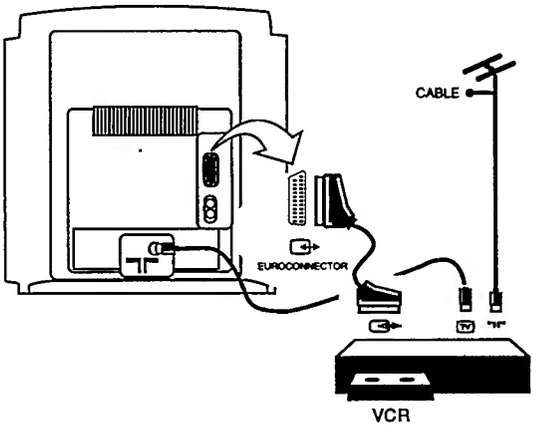
- Unplug the aerial plug from your CDI/TV and insert it into the aerial input ⊓ of your equipment.
- Connect another aerial plug to the output TV of your equipment, connect the other side to the aerial input ⊓ of your CDI/TV
- Switch on your equipment.
- Check in the handbook of the particular equipment to see what the test signal looks like.
- Now, refer to the section **Storing TV channels** to search for and store this signal on a program number from 1 to 59 (you **cannot** store the signal on the program number 0). After that, you can receive signals from your equipment on this program number.



Euroconnection (scart) for e.g. videorecorder

You can connect for example a videorecorder or satellite tuner to your CDI/TV via the euroconnector socket on the back of the CDI/TV. Ask your dealer for the appropriate cable.

- Connect the eurocable to the euroconnector socket of your videorecorder or electronic equipment and to the euroconnector socket of your CDI/TV.
- Connect an aerial cable to the output TV of your video recorder and to the aerial input ⊓ of your CDI/TV.
- Normally if the electronic equipment is switched on, the picture will automatically appear on the TV screen.
  To select the electronic equipment manually, select program number 0 once or twice.



Tips and troubleshooting

To clean the CDI/ TV

- Clean the CDI/TV using a slightly damp chamois leather.
  Never use aggressive cleaning agents.

Poor or no picture:

- Are the plugs tightly connected to the aerial socket and are the connection facilities to any other installed TV in good condition? Do you use good quality aerial connectors and cables?
- Do you use the supplied antenna cable?
- If an indoor aerial is used, refer to the section "Installation" to improve the reception.

No picture or black screen - No sound

- Mains plug connection may be loose.
- CDI/TV may be switched off or on standby.
- Contrast, brightness, or colour settings may have wrong setting.
- CDI/TV can be in external mode
- CDI/TV may be tuned to a program wich requires a descrambler, but is not connected.

Only snow or snowy picture - No sound

- Aerial connection may be loose.
- TV channel may have stopped broadcasting. Try another channel.

No picture from electronic equipment connected via euroconnector or via Audio Video input:

- Did you try selecting program 0? Is the electronic equipment switched on and is START or PLAY pressed?

Normal picture - No sound

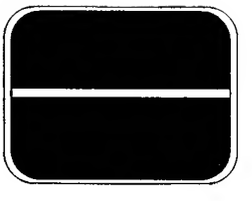
- may have been pressed. Press again to call up sound again.
- Volume setting may be set to minimum level.
- If in CDI mode the CDI volume may be set to zero.

Interference - Noisy sound

- Electrical appliances may be being used that cause interference (e.g. hair-dryer, fluorescent lamps, etc.).

Bright white line - Normal sound

- Turn off the power immediatelly and disconnect the CDI/TV from the mains supply. Call Service.



CDI/TV does not respond to remote controls

- There might be something between the CDI/TV and the remote control.
- Batteries might be flat. Replace them.
- There might be interference from fluorescent lights or bright sunlight.

CDI/TV does not respond to any local button pressed

- Check power supply.
- There might be a technical disturbance. Disconnect the CDI/TV from the mains for about 30 seconds, then re-connect.

No solution:

Switch your CDI/TV off and on again with the ⏻ button.
Never attempt to repair a defective CDI/TV set yourself.
Switch off the CDI/TV and call your dealer or TV-technician when nothing helps or when: A white horizontal stripe appears across the whole screen.

If it appears that the CDI player is faulty, first consult this check-list. It may be that something simple has been overlooked.
Under no circumstances attempt to repair the system yourself; this will invalidate the warranty.

Distorted picture

•Check the disc for fingerprints and clean with a soft cloth, wiping from centre to edge.

Very low screen brightness

•The automatic dim mode of the CDI/TV player or software program may be activated. Move the CDI cursor to restore brightness.

No open icon on TV screen

•Switch the CDI/TV off, then switch on again while holding the stop button pressed.

No start-up. Screen does not change

•Check the disc label is upwards.
•Clean the disc.
•Check if the disc is defective by trying another disc.

No sound

•If using a HiFi amplifier, try another sound source.

Distorted sound from HiFi amplifier

•Check that audio connections are not made to amplifier Phono input.

No return to start-up screen when disc is removed

•Reset by switching the CDI/TV off, then on again.
•Check if the CDI program requires another disc to be loaded.

The player can't be remote controlled

•Aim the remote control directly at the sensor on the CDI/TV.
•Avoid all obstacles which may interfere with the signal path.
•Inspect or replace the batteries.

Accessories connected do not work?

•Restart your CDI/TV combi by ⏻ mains power button.

Environmental information

Your CDI/TV contains material which can be recycled and reused. At end of life specialized companies can dismantle the discarded CDI/TV to concentrate the reusable materials and to minimize the ammount of materials to be disposed off.
Please find out about local regulations on disposal of your old set.

Technical specification 21ŢCDI30

TV-Module

Picture

Tube category:	dark HIBRI FSQ
Screen diameter:	21" (55 cm)

Reception

Tuning system:	60 fold VST
Trans. system:	/00 PAL BG
	/01 PAL/SECAM B/G, PAL I, SECAM L/L'
Channel selection:	/00 VHF, UHF, S
	/01 VHF, UHF, S, Hyperband

Teletext

Computer controlled	
Teletext	4pages TOP/ FLOF/ WST

Sound

Output:	4W Music Power Output
	mono, 2 speakers

Operation

Remote control:	Dedicated RC for TV functionality (RC5)
On-screen display	

CDI-Module

Play back system
CDI including CDI-FMV and VCD
CD-DA including CD-Graphics
CD-Bridge
CDI-Ready

TV- Standard

Number of lines:	625
Vertical resolution:	280/560
Horizontal resolution:	384/768

Operation

Remote control:	Dedicated RC for CDI functionality (RC6)
On-screen program display	

Connections
I/O port 1/2 (8 pin mini DIN; right side)
Audio out L/R (cinch; back) CDI stereo; TV mono
Mono headphone out (right side; 3.5 mm jack)
Scart (back; audio L/R in/out; RGB in; CVBS in/out; Status in; Fast blanking in)
IR receiver (front; RC5 for TV; RC6 for CDI)

Miscellaneous

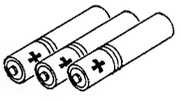
Ambient temperature:	10° to 35°C
Mains:	220-240 Va.c.; 50-60 Hz.
Power consumption:	Approx. 82 W
Standby:	Approx. 2 W
Weight:	Approx. 25 Kg
Dimension (wxhxd):	50 x 52 x 48 cm
Dimension (wxhxd) transport packaging:	60 x 61 x 55 cm

Specifications subject to modification without notice.

Supplied accessories

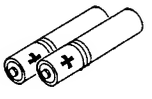
These accessories are provided to help you use or set-up your CDI/TV combi.

CDI Remote Control

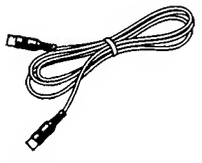


Three Batteries
type R6/AA

TV Remote Control



Two Batteries
type R03/AA



Antenna Cable
(RF coaxial cable)

Optional accessories

Maximize your pleasure with state-of-the-art accessories designed specifically for your CD-I Player.

The optional accessories shown here may be purchased from your supplier.

CD-I Mouse
22ER9011

Roller Controller
22ER9012

CD-I Trackball
22ER9013

Gamepad
22ER9021

Splitter
22ER9208

©1994 PHILIPS CONSUMER ELECTRONICS

Printed on recycled paper
Stampato su carta riciclata

Printed in Italy by G.S.F. 94/12 11 10

21TCDI30

3119 105 2313.1